

What is claimed is:

1 1. A mobile phone comprising:
2 a housing including a front case;
3 a printed circuit board, disposed in the housing,
4 including a notch;
5 a connector fitted into the notch of the printed
6 circuit board; and
7 a microphone disposed in the connector in a manner
8 such that the microphone faces the front case.

1 2. The mobile phone as claimed in claim 1, wherein
2 the connector includes a pad abutted by a surface, facing
3 the front case, of the printed circuit board, and the
4 printed circuit board includes a circuit electrically
5 connected to the pad.

1 3. The mobile phone as claimed in claim 2, wherein
2 the pad is located near an end, facing the front case, of
3 the connector.

1 4. The mobile phone as claimed in claim 1, wherein
2 the connector includes a first terminal and a second
3 terminal, and the microphone includes a third terminal
4 corresponding to the first terminal and a fourth terminal
5 corresponding to the second terminal, whereby the
6 microphone is electrically connected to the connector by
7 the first terminal contacting the third terminal and the
8 second terminal contacting the fourth terminal.

1 5. The mobile phone as claimed in claim 4, wherein
2 both the first terminal and the second terminal are
3 elastic members.

1 6. The mobile phone as claimed in claim 1, wherein
2 the front case includes a microphone hole corresponding
3 to the microphone.

1 7. The mobile phone as claimed in claim 1, wherein
2 the housing further includes a rear case combined with
3 the front case, and the printed circuit board, the
4 microphone, and the connector are surrounded by the front
5 case and the rear case.

1 8. The mobile phone as claimed in claim 1, wherein
2 the microphone is abutted by the front case.

1 9. A microphone module for a mobile phone, wherein
2 the mobile phone comprises a printed circuit board and a
3 front case, and the microphone module comprises:

4 a connector fitted into the printed circuit board;

5 and

6 a microphone disposed in the connector in a manner

7 such that the microphone faces the front case.

1 10. The microphone module as claimed in claim 9,
2 wherein the connector includes a pad abutted by a
3 surface, facing the front case, of the printed circuit
4 board, and the printed circuit board includes a circuit
5 electrically connected to the pad.

1 11. The microphone module as claimed in claim 10,
2 wherein the pad is located near an end, facing the front
3 case, of the connector.

1 12. The microphone module as claimed in claim 9,
2 wherein the connector includes a first terminal and a
3 second terminal, and the microphone includes a third
4 terminal corresponding to the first terminal and a fourth
5 terminal corresponding to the second terminal, whereby
6 the microphone is electrically connected to the connector
7 by the first terminal contacting the third terminal and
8 the second terminal contacting the fourth terminal.

1 13. A mobile phone comprising:
2 a housing including a front case;
3 a printed circuit board, disposed in the housing,
4 including a notch; and
5 a microphone fitted into the notch of the printed
6 circuit board in a manner such that the
7 microphone faces the front case.

1 14. The mobile phone as claimed in claim 13,
2 wherein the microphone includes a pad abutted by a
3 surface, facing the front case, of the printed circuit
4 board, and the printed circuit board includes a circuit
5 electrically connected to the pad.

1 15. The mobile phone as claimed in claim 13,
2 wherein the front case includes a microphone hole
3 corresponding to the microphone.

1 16. The mobile phone as claimed in claim 13,
2 wherein the housing further includes a rear case combined
3 with the front case, and the printed circuit board and
4 the microphone are surrounded by the front case and the
5 rear case.

1 17. An electronic device comprising:

2 a housing including a front case;

3 a printed circuit board, disposed in the housing;

4 a connector fitted into the printed circuit board;

5 and

6 a microphone disposed in the connector in a manner

7 such that the microphone faces the front case.

1 18. The electronic device as claimed in claim 17,
2 wherein the printed circuit board includes a notch for
3 the connector to be fitted therein.

1 19. The electronic device as claimed in claim 17,
2 wherein the connector includes a pad abutted by a
3 surface, facing the front case, of the printed circuit
4 board, and the printed circuit board includes a circuit
5 electrically connected to the pad.

1 20. The electronic device as claimed in claim 19,
2 wherein the pad is located near an end, facing the front
3 case, of the connector.